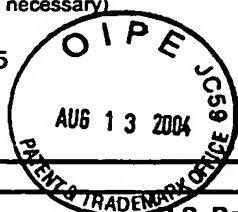


Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 1 of 5



Application Number	10/788,731
Filing Date	February 27, 2004
In re Application of:	Jason R. Fink Keith B. Gorden, Kevin S. Gorski, Shalley K. Gupta, Xiaohong Qui and John P. Vasilakos.
Art Unit	1644 1647
Examiner Name	Unknown
Attorney Case Number	58210US004

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
FH	A1	US- 4,689,338	08-25-1987	Gerster	
	A2	US- 4,698,348	10-06-1987	Gerster	
	A3	US- 4,929,624	05-29-1990	Gerster et al.	
	A4	US- 4,988,815	01-29-1991	Andre et al.	
	A5	US- 5,037,986	08-06-1991	Gerster	
	A6	US- 5,175,296	12-29-1992	Gerster	
	A7	US- 5,238,944	08-24-1993	Wick et al.	
	A8	US- 5,266,575	11-30-1993	Gerster et al.	
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	A12	US- 5,367,076	11-22-1994	Gerster	
	A13	US- 5,376,501	12-27-1994	Mariën et al.	
	A14	US- 5,389,640	02-14-1995	Gerster et al.	
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*Examiner: /Fozia Hamud/

Date Considered: 09/16/2006

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Information Disclosure Statement — PTO-1449 (Modified)

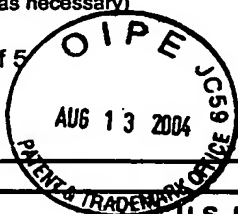
58210US004 IDS 1449

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Page 2 of 5



Application Number

10/788,731

Filing Date

February 27, 2004

In re Application of:

Jason R. Fink Keith B.
Gorden, Kevin S. Gorski,
Shalley K. Gupta, Xiaohong
Qui and John P. Vasilakos

Art Unit

~~1644~~ 1647

Examiner Name

Unknown

Attorney Case Number

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		Doc. Number-(Kind Code if Known)			
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*Examiner: /Fozia Hamud/

Date Considered:

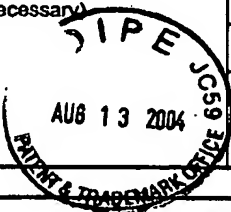
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Information Disclosure Statement — PTO-1449 (Modified)

58210US004 IDS 1449

Substitute for form 1449/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 3 of 5	Application Number	10/788,731
	Filing Date	February 27, 2004
	In re Application of:	Jason R. Fink Keith B. Gorden, Kevin S. Gorski, Shalley K. Gupta, Xiaohong Qui and John P. Vasilakos
	Art Unit	1644 1647
	Examiner Name	Unknown
	Attorney Case Number	58210US004



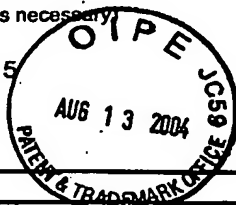
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Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
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	A81	US- 2004/0014779 A1	01-22-04	Gorden et al.	
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*Examiner: /Fozia Hamud/	Date Considered: 09/16/2006
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Information Disclosure Statement — PTO-1449 (Modified)

58210US004 IDS 1449

Substitute for form 1449/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 4 of 5	Application Number	10/788,731
	Filing Date	February 27, 2004
	In re Application of:	Jason R. Fink Keith B. Gorden, Kevin S. Gorski, Shalley K. Gupta, Xiaohong Qui and John P. Vasilakos
	Art Unit	1647 1647
	Examiner Name	Unknown
	Attorney Case Number	58210US004



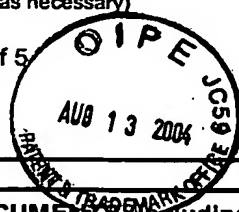
Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
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	B2	EP	1 104 764 A1	06-06-2001			X
	B3	JP	9-208584	08-12-1997			
	B4	JP	11-80156	03-26-1999	(translation only)		X
	B5	JP	11-222432	08-17-1999			X
	B6	JP	2000-247884 (abstract only)	09-12-2000			X
	B7	WO	00/47719 A2	08-17-2000			X
	B8	WO	00/75304 A1	12-14-2000			X
	B9	WO	00/76505 A1	12-21-2000			X
	B10	WO	00/76518A1	12-21-2000			X
	B11	WO	01/74343 A2	10-11-2001			X
	B12	WO	02/36592 A1	05-10-2002			X
	B13	WO	02/46188 A2	06-13-2002			X
	B14	WO	02/46189 A2	06-13-2002			X
	B15	WO	02/46190 A2	06-13-2002			X
	B16	WO	02/46191 A2	06-13-2002			X
	B17	WO	02/46192 A2	06-13-2002			X
	B18	WO	02/46193 A2	06-13-2002			X
	B19	WO	02/46194 A2	06-13-2002			X
	B20	WO	02/46749 A2	06-13-2002			X
	B21	WO	02/085905 A1	10-31-2002			
	B22	WO	02/102377 A1	12-27-2002			X
	B23	WO	03/020889 A2	03-13-2003			X
	B24	WO	03/043572 A2	05-30-2003			X
	B25	WO	03/045391 A1	06-05-2003			X
V	B26	WO	03/103584 A2	12-18-2003			X

*Examiner: /Fozia Hamud/	Date Considered: 09/16/2006
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Information Disclosure Statement — PTO-1449 (Modified)

58210US004 IDS 1449

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 5 of 5	Application Number	10/788,731
	Filing Date	February 27, 2004
	In re Application of:	Jason R. Fink Keith B. Gorden, Kevin S. Gorski, Shalley K. Gupta, Xiaohong Qui and John P. Vasilakos
	Art Unit	1644 1647
	Examiner Name	Unknown
	Attorney Case Number	58210US004



OTHER DOCUMENTS (including Authors, Title, Date, Pertinent Papers, etc.)		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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FH	C2	Chollet, et al., "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)
FH	C3	Brassard et al.; "Interferon- α as an immunotherapeutic protein"; <u>Journal of Leukocyte Biology</u> ; Vol.: 71; April 2002; pgs. 565-581
FH	C4	Izumi et al.; "1H-imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- α Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2-and 4-Substituted 1H-imidazo[4,5-c]quinolines or 1H-imidazo[4,5-c]pyridines"; <u>Bioorganic and Medicinal Chemistry</u> , Vol. 11, pp. 2541-2550 (2003).
FH	C5	Hornung et al., "Quantitative Expression of Toll-Like Receptor 1-10 mRNA in Cellular Subsets of Human Peripheral Blood Mononuclear Cells and Sensitivity to CpG Oligodeoxynucleotides", <u>The Journal of Immunology</u> , 2002, 168; pgs. 4531-4537.
FH	C6	Hemmi et al., "Small anti-viral compounds activate immune cells via the TLR7 MyD88-dependent Signaling pathway", <u>Nature Immunology</u> , vol. 3, no. 2; February 2002; pgs. 196-200.
FH	C7	Medzhitov, "Toll-Like Receptors and Innate Immunity", <u>Nature Reviews Immunology</u> , Vol. 1; November 2001, pgs. 135-145.
FH	C8	Jurk et al. "Human TLR7 and TLR8 independently confer responsiveness to the antiviral compound R-848", <u>Nature Immunology</u> , June 2002, vol. 3, no. 6; pg. 1.
FH	C9	Akira et al., "Toll-like receptors: critical proteins linking innate and acquired immunity", <u>Nature Immunology</u> , August 2001, vol. 2, no. 8; pgs. 675-680
FH	C10	Heil et al.; "Synthetic immunostimulatory compounds activate immune cells via TLR7 and TLR8"; 33th Annual Meeting of the Deutsche Gesellschaft für Immunologie, Marburg 2002 - Abstract C.6

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Information Disclosure Statement — PTO-1449 (Modified)

58210US004 IDS 1449

Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 1 of 1	Application Number	10/788731
	Filing Date	February 27, 2004
	First Named Inventor	Fink, Jason R.
	Art Unit	1644-1647
	Examiner Name	Unknown
	Attorney Case Number	58210US004

U.S. Patent Documents						
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Doc. Number-(Kind Code if Known)				
FH	A1	US- 2003/0022302 A1	01-30-2003	Lewis et al.		
FH	A2	US- 2003/0104523 A1	08-05-2003	Bauer et al.		
FH	A3	US- 2004/0023870 A1	02-05-2004	Dedera et al.		
	A4	US-				
	A5	US-				
	A6	US-				
	A7	US-				
	A8	US-				

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
FH	B1	WO	03/089802	10-30-2003			
	B2						
	B3						
	B4						
	B5						

OTHER DOCUMENTS				
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		Translation (Check if yes)
FH	C1	AKIRA S. et al., Recognition of pathogen-associated molecular patterns by TLR family. Immuno. Letters. 2003, Vol. 85, pages 85-95		
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*Examiner: /Fozia Hamud/	Date Considered: 09/16/2006
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Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Page 1 of 1

Application Number

10/788731

Filing Date

February 27, 2004

First Named Inventor

Fink, Jason R.

Art Unit

1644 1647

Examiner Name

Unknown

Attorney Case Number

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U.S. Patent Documents

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	A1	US-			
	A2	US-			
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	A4	US-			
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Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
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	B1						
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OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
FH	C1	Gorden et al., "Synthetic TLR Agonists Reveal Functional Differences between Human TLR7 and TLR8", <u>The Journal of Immunology</u> , 2005, Vol. 174, pgs. 1259-1268.	
FH	C2	Sauder et al., "Randomized, Single-Blind, Placebo-Controlled Study of Topical Application of the Immune Response Modulator Resiquimod in Healthy Adults", <u>Antimicrobial Agents and Chemotherapy</u> , December 2003, Vol. 47, No. 12, pgs. 3846-3852.	
	C3		

*Examiner: /Fozia Hamud/

Date Considered:

09/16/2006

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